LAWRENCE (LARRY) S. DAVIS

PERSONAL INFORMATION

- Citizenship: United States of America.
- Veteran's Preference Claimed: None.
- Reinstatement Eligibility: Career Status Permanent.

SUMMARY OF QUALIFICATIONS

- More than eighteen years of professional experience in safety and health physics.
- Three years as the Marine Corps Logistics Radiation Safety Officer
- Eight years experience managing the Army's largest industrial radiation safety program.
- Radiation Safety Officer on four NRC licenses, one Army Radiation Authorization (ARA) & Army Reactor Office Reactor Permit.
- Strong administrative and supervisory skills as team leader for three professional health physicists and two technicians, plus program management for large radiation safety program and diving program.
- Experienced in hazard analysis and risk assessment in test & evaluation environment.
- Knowledgeable in health physics, nuclear reactor safety, system safety, and industrial occupational safety and health practices and regulations.
- Experienced in public speaking and writing for high risk-low trust audiences, and with Congressional and Senatorial briefings and inquiries.
- Conversant in DOD and Army Safety and Research, Development and Acquisition policies and regulations.
- Top-secret security clearance qualified.

PROFESSIONAL EXPERIENCE

Mar 2000 – present. U.S. Marine Corps, Logistics Bases, Albany, GA

Logistics Radiation Safety Officer, Health Physicist GS-14(1306)

- Supervisor: Call Ms. Sandra Lemke, telephone number (229)639-6513
- Service Program Manager, providing technical and policy expertise regarding control of radioactive material Service-wide. Originated extensive program and developmental effort, involving education, handling, storage, and use of items containing radioactive materials in the Marine Corps.
- Naval Radioactive Materials Permit Manager for Service-wide program

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Sep 1991 – Mar 2000 U.S. Army Aberdeen Test Center, APG, MD
Radiation Safety Officer, Health Physicist GS-13(1306)

- Supervisor: Call Richard B. Shipe, telephone number (410) 278-2207.
- As the team leader and RSO, I was responsible for overseeing and executing the Army's largest comprehensive research & development, test & evaluation radiation safety program that includes the following:
  - License manager of two NRC broadscope test & evaluation licenses, one irradiator license and one special nuclear material license, plus Army Radiation Authorization for a radium and numerous industrial x-ray machines, up to 11 MeV.
  - Management oversight and technical expertise in radiation bioassay, dosimetry and radiochemistry programs.
  - Management oversight of fast burst nuclear research reactor safety. Passed every inspection since acquiring this position, including every DAIG Inspection.
  - Management oversight of portable and facility industrial x-ray program, up to 11 MeV.
  - Management oversight and performed military radioactive commodity item and DU ammunition testing.
  - Management oversight of the Army's largest and most complex environmental radiation monitoring program for reactor and depleted uranium emissions.
  - Management oversight of non-ionizing radiation safety and testing program (LASER, microwave, RF, IR and UV).
  - Management oversight of the test center radiochemistry laboratory, responsible for radioassay's related to both the compliance mission and direct support for non-destructive testing. Laboratory assays included: LSC, gamma spec, gas proportional counting, and mass spectrometry.
  - Contracting officer's representative for mission support contracts supplying up to four additional persons to the program.
- Technical supervision of three health physicists and two engineering technicians.
- Supervised System Safety Engineering Team (served as GS 13-801) for 120 day temporary assignment. Responsible for reviewing for adequacy of test plans, system safety evaluations, safety analysis reports and facility safety.
- Served for 18 months as the Functional Leader for Safety Team. Interfaced between Business Support Teams and organization's Safety Officer, providing administrative and technical support to team members and augmenting support to program.
- Served as aviation ground safety officer. Provided industrial safety support to facility and equipment maintenance program.
- Diving Officer for Command underwater operations and testing. Provided administrative, safety and budget oversight for test related diving activities.

- Oversaw multi-skilled Radiation Emergency Response Team for ATC and Garrison APG. Responsive to reactor, industrial and transportation related radiation accidents and incidents.
- Knowledgeable in occupational and environmental monitoring of depleted uranium exposures and use.
- Consultant to OSD Gulf War Illness Office, Army's Center for Health Promotion & Preventive Medicine, Army Materiel Command (AMC), Developmental Test Command, former Army Reactor Committee for Health and Safety and AMC Radiation Policy Action Committee. Provided expertise on depleted uranium occupational exposure and environmental effects. Taught radiation safety to the DOD On-site Inspection Agency.
- Two month developmental assignments as Acting Assistant for Safety, ASA, IL&E (ES&OH), and one month as Acting AMC Health Physicist. Interfaced between the White House, Congress and Office of Secretary of Defense (E&S) on safety-related issues and inquiries. Tasked Army Deputy Chief of Staff and MACOM's and oversaw responses to OSD, Congress and the White House.
- Team member of Safe Force XXI, DA level safety policy committee. Drafted design of Army's 21st Century Safety Management & Training.
- ACCESS rater for CP-12 (resume package rater for safety personnel).

Sep 1986 – Jan 1991 U.S. Army Combat Systems Test Activity, APG, MD

Health Physicist, GS-5-12(1306)

- Supervisor: Call Dal Nett, telephone (410) 278-1301.
- Health physics support to Chief, Safety Office, RSO and Director, Army Pulse Radiation Facility.
- Supported DU testing, fast burst reactor and commodity item testing.
- Wrote NRC license renewal packages and amendments.
- Knowledgeable in health physics and laboratory counting instruments, and developed unique procedures for radiation analyses.
- Performed safety analyses and inspections.

1984 – 1986 General Health Physics, Inc., (Lorton, VA), duty APG, MD

Health Physicist

- Supervisor: Call John Davis, telephone (703) 550-7525.
- Health physics mission support contractor to DU testing program.
- On-site radiation support to DU hard target testing facilities.
- Performed environmental monitoring and analyses.
- Performed radiation contamination surveys and dose estimates.

EDUCATION

Jan - Apr 1997	Army Management Staff College, Ft. Belvoir, VA
1993 – 1997	DA Executive Development Group – Safety
1993	Johns Hopkins University – No degree, 3 semester

credits, Physical Agents in the Environment.

1995 – 1996 Drexel University – *Environmental Health, Master of Science,* Program dissolved at APG before formal matriculation and completion of studies at APG (15 semester credits).

May 1984 Franciscan University of Steubenville, Steubenville, OH *Bachelor of Arts Degree in Biology*

June 1982 University of Virginia – No degree, 6 semester credits, Radiation Safety & Radiation Safety in Diagnostic Radiology

May 1977 Hayfield High School, Alexandria, VA 22310

PROFESSIONAL MEMBERSHIPS

Member, Health Physics Society

Level III Certified, Army Acquisition Corp, Test & Evaluation

PUBLICATIONS

Environmental Assessment for Testing of Depleted Uranium Penetrator Munitions at U.S. Army Combat Systems Test Activity (and Finding of No Significant Impact). July 1990.

NRC License Program Document: *Combat Systems Test Activity Radiation Bioassay Program*. June 1990.

NRC License Program Document: *Environmental Monitoring Program for Depleted Uranium Testing*, 1992.

Organizational Program Document. *Combat Systems Test Activity, Health Physics Manual.* August 1993.

Construction of Catch Boxes at an Army Test Center to Enhance Recovery of Depleted Uranium Projectiles and Limit the Spread of Contamination. Health Physics: The Radiation Protection Journal. (Joint publication) 1993.

Recycling Armor Plate Contaminated with Depleted Uranium. Presented at the Health Physics Society 27th Midyear Topical Meeting. (Joint publication) February 1994.

Organizational Computer Program: *Committed Effective Dose Estimator for Depleted Uranium Lung Retention.* Presented at 1997 Army Heavy Metals Symposium. May 1997.

Mapping of Depleted Uranium with In Situ Spectrometry and Soil Samples. Paper No. IAEA-SM-359/P-3. Joint publication. Presented at the Annual Meeting of the International Atomic Energy Agency, 29 Nov - 2 Dec 99.

RESEARCH

X-ray Measurements for the Close Combat Tactical Trainer. June 1993.

Lung Solubility of Depleted Uranium at Aberdeen Proving Ground, MD (Supporting data for Computer Lung Dose Estimator). Aug 1996.

Corrosion Rates of Depleted Uranium Penetrators in Upland and Wetland Soils at Aberdeen Proving Ground, MD. Current research.

Technical oversight of Small Business Innovative Research project, Laser Induced Inductively Coupled Portable Heavy Metals Analyzer, TACAN, Corp. Current research.

AWARDS RECEIVED

Commander's Award for Civilian Service, 1995 & 2000

Various Performance & Special Awards, and Certificates of Achievements.